

I. AMENDMENTS

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1. (Currently amended) A method for modulating body organ functioning, comprising the steps of:

collecting a plurality of waveforms that are generated in a body and carried by neurons in the body, said plurality of waveforms being operative in the regulation of body organ functioning a plurality of functions of at least one body organ;

storing said collected plurality of waveforms in a storage medium, said step of storing said collected plurality of waveforms including storing said collected plurality of waveforms according to said functions regulated by said collected plurality of waveforms; and

transmitting at least a first waveform signal proximate one of said collected plurality of waveforms to a first said body organ to regulate organ function, said first waveform signal including at least a second waveform that substantially corresponds to at least one of said collected waveforms and is operative in the regulation of said first body organ.

Claims 2-5. (Canceled)

Claim 6. (Currently amended) An apparatus for modulating body organ functioning, comprising:

a source of collected waveforms that are representative of waveforms naturally generated within in a body and are indicative, said collected waveforms being operative in the regulation of a plurality of functions of at least one body organ functioning, said source including storage areas adapted to store said collected plurality of waveforms according to said functions regulated by said collected plurality of waveforms;

means for selecting at least a first waveform from said collected plurality of waveforms, said first waveform substantially corresponding to at least one of said collected waveforms and being operative to regulate [[a]] said [[first]] body organ; and

means adapted to be in communication with the body for broadcasting said first waveform proximate to said [[first]] body organ to stimulate or regulate organ function.

Claims 7-9. (Canceled)

Claim 10. (Currently amended) The apparatus of claim 6, further including means for acquiring collecting said collected plurality of waveforms from the body and transmitting said collected plurality of waveforms to said source.

Claim 11. (Previously presented) The apparatus of claim 10, wherein said collecting means comprises a sensor adapted to communicate with the body.

Claims 12-14. (Canceled)

Claim 15. (Previously presented) The apparatus of claim 6, wherein said broadcasting means comprises a body electrode.

Claims 16-22. (Canceled)